



## فراخوان فرصت‌های تحقیقاتی برای دانشجویان تحصیلات تکمیلی در بورس Erasmus

فراخوان فرصت‌های تحقیقاتی برای دانشجویان تحصیلات تکمیلی در بورس Erasmus بر اساس قرارداد منعقدہ بین دانشگاه فردوسی مشهد و دانشگاه Lund سوئد:

فراخوان فرصت‌های تحقیقاتی برای دانشجویان تحصیلات تکمیلی در بورس Erasmus بر اساس قرارداد منعقدہ بین [دانشگاه فردوسی مشهد](#) و دانشگاه Lund سوئد:

Erasmus Call for MSc and PhD

(Students of Ferdowsi University of Mashhad (FUM

General information and eligibility criteria

This is a mobility scholarship in the context of Erasmus+ program between Lund University (Sweden) and FUM for one PhD student and one Master student

The student has to be registered at Engineering Faculty at FUM

Priority is given to students in Civil Engineering department. The mobility duration is 3 months for M.Sc. student and 5 months for PhD student to stay in Department of Technology and Society, Faculty of Engineering (LTH) at Lund University. The mobility period is counted as part of the student's study program at FUM. The living costs (~900 € per month including travel cost) will be paid by Erasmus fund. The research topics include

- (o Remote Sensing (time series analysis of Earth Observation satellite data
  - o InSAR processing
  - o Spatio-temporal analysis in transportation and environmental problems
- (o Change detection (e.g., spatial changes in transportation infrastructure, etc
  - o Flood and fire mapping using satellite data
  - o Indoor positioning
  - o Geospatial Information Systems
  - o WebGIS programming
  - o Intelligent Geospatial Information System
  - o Demand detection in public transport
- (o Deep learning (in transportation, satellite image processing

:Required documents

(Curriculum Vitae (CV

Research Plan English language evidence (IELTS $\geq$ 5.5, TOEFL $\geq$ 46). National tests of English language skills (MSRT $\geq$  60, (MCHE $\geq$  60) may also be considered. Scanned copy of the first page of passport (for selected candidates

Time Table

Jan. 2021: Send your documents to Dr. Etemadfarid via email: (the subject of your email should be "Erasmus for MSc 4-10 Student" or "Erasmus for PhD Student")

Jan. 2021: First round of selection at Ferdowsi University 5 Feb. 2021: The candidates selected at the first round will get informed 15-30 (three PhD candidates and three candidates for the master position). 10-30 Feb. 2021: Candidate evaluation at Lund University (CV, interview, research plan, English language test etc.). 5 Mar. 2021: The final decision made and the selected students (one PhD and one master) will be informed. 15 Aug. 2021: Mobility studies starts at Lund University